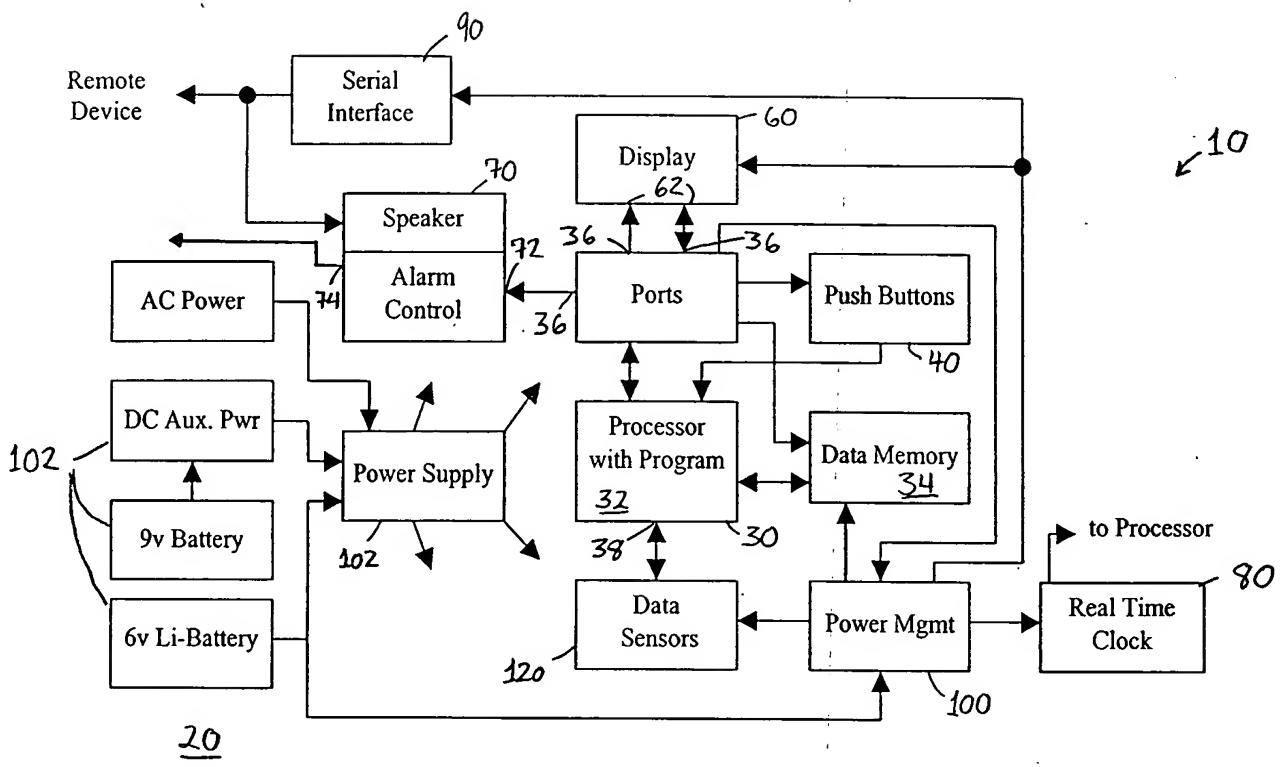

Remote Device
Serial Interface
90
Display
60
10
Speaker
70
62
36
36
72
AC Power
74
Alarm Control
Ports
Push Buttons
36
40
DC Aux. Pwr
102
Power Supply
Processor with Program
32
Data Memory
34
9v Battery
102
38
30
to Processor
80
6v Li-Battery
Data Sensors
Power Mgmt
Real Time Clock
120
100
20

FIG. 1

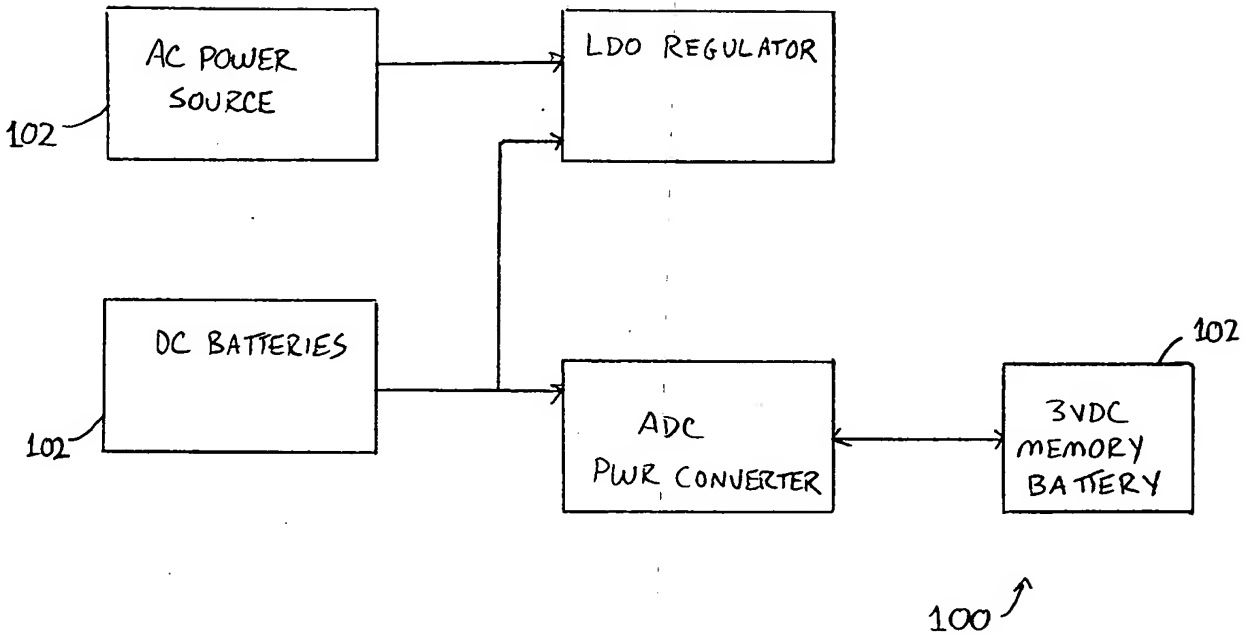

AC POWER SOURCE
102
LDO REGULATOR
DC BATTERIES
102
ADC PWR CONVERTER
3VDC MEMORY BATTERY
102
100

FIG. 2

SUBSTITUTE SHEET

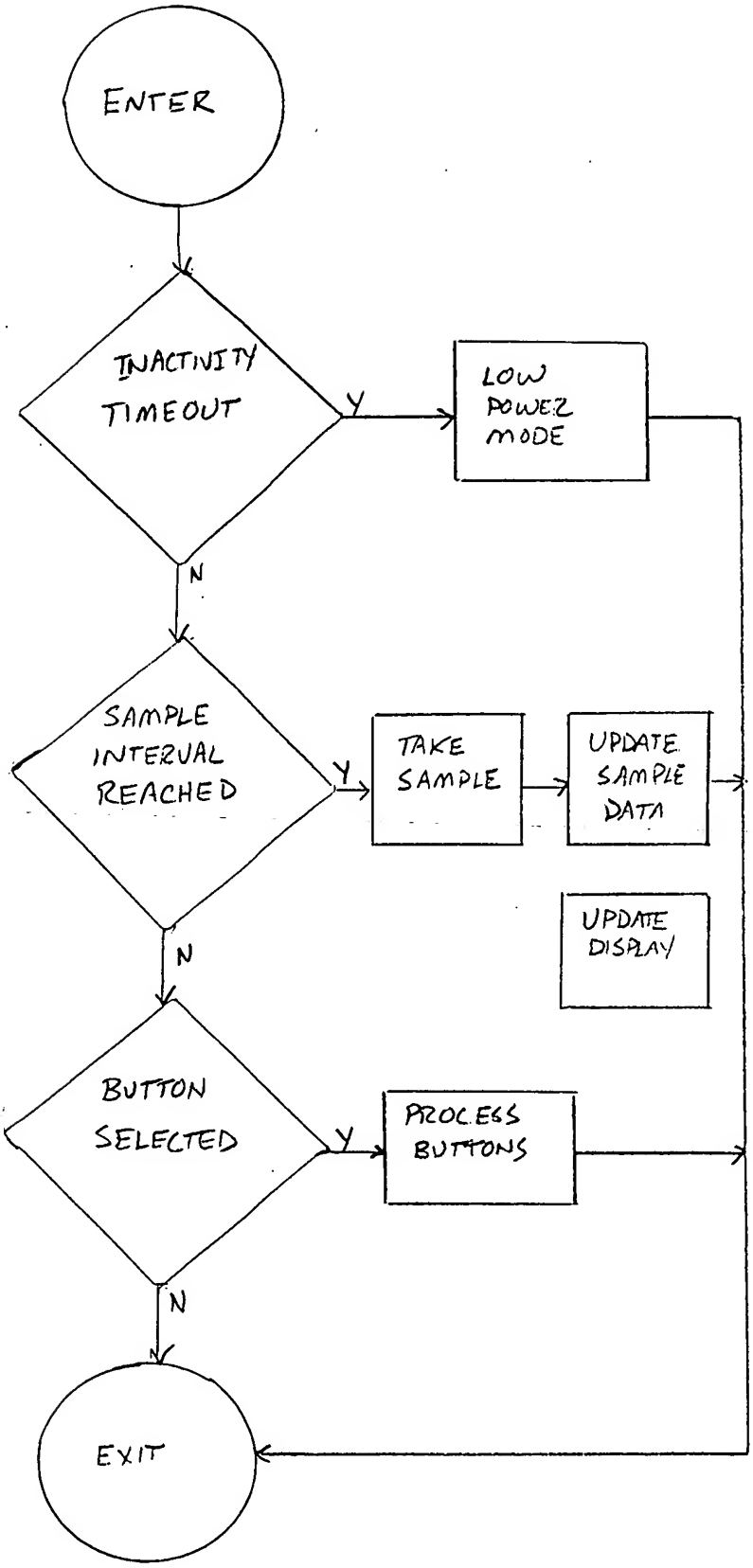


FIG. 3

SUBSTITUTE SHEET

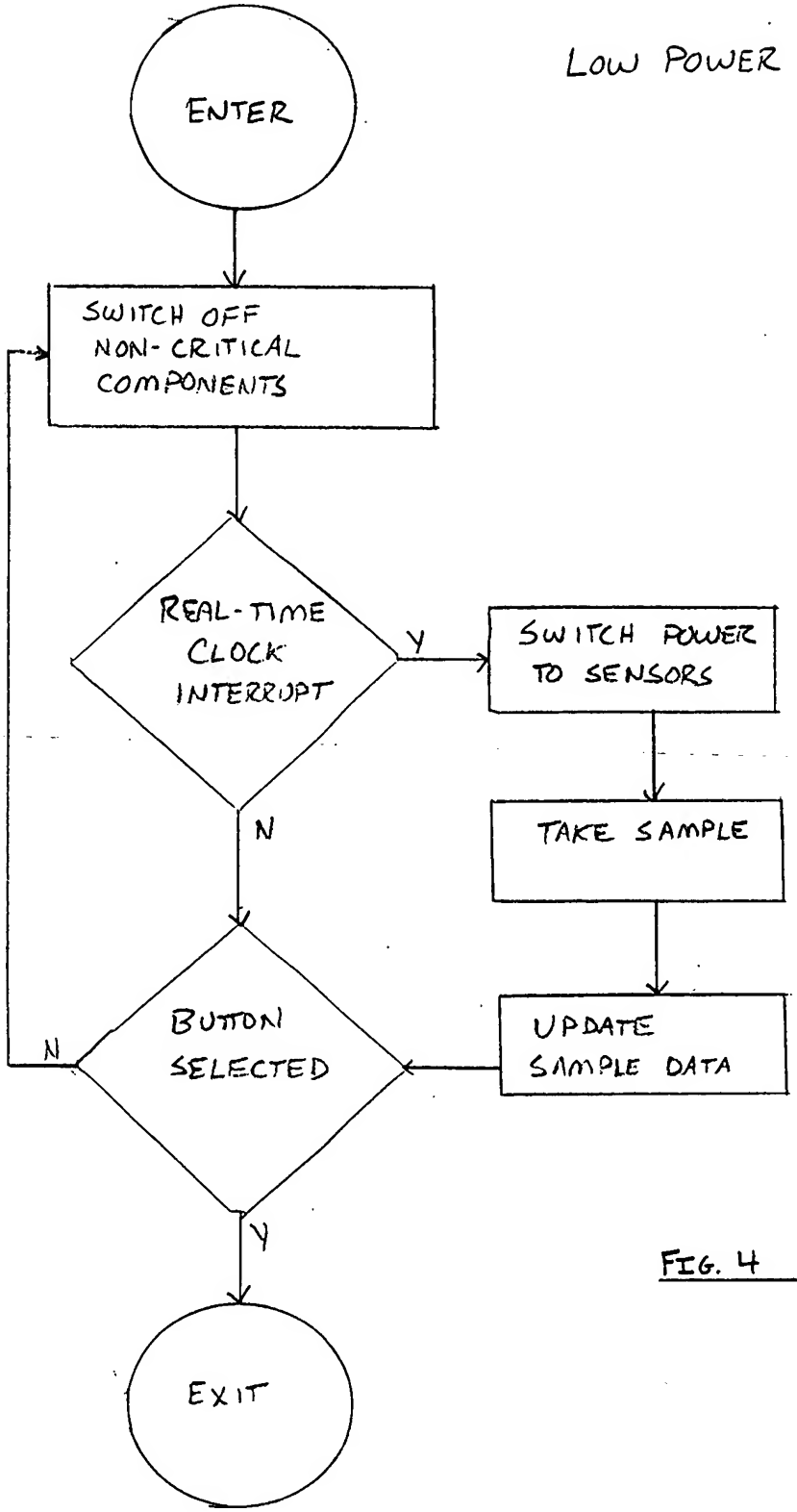


FIG. 4

DATA SAMPLING

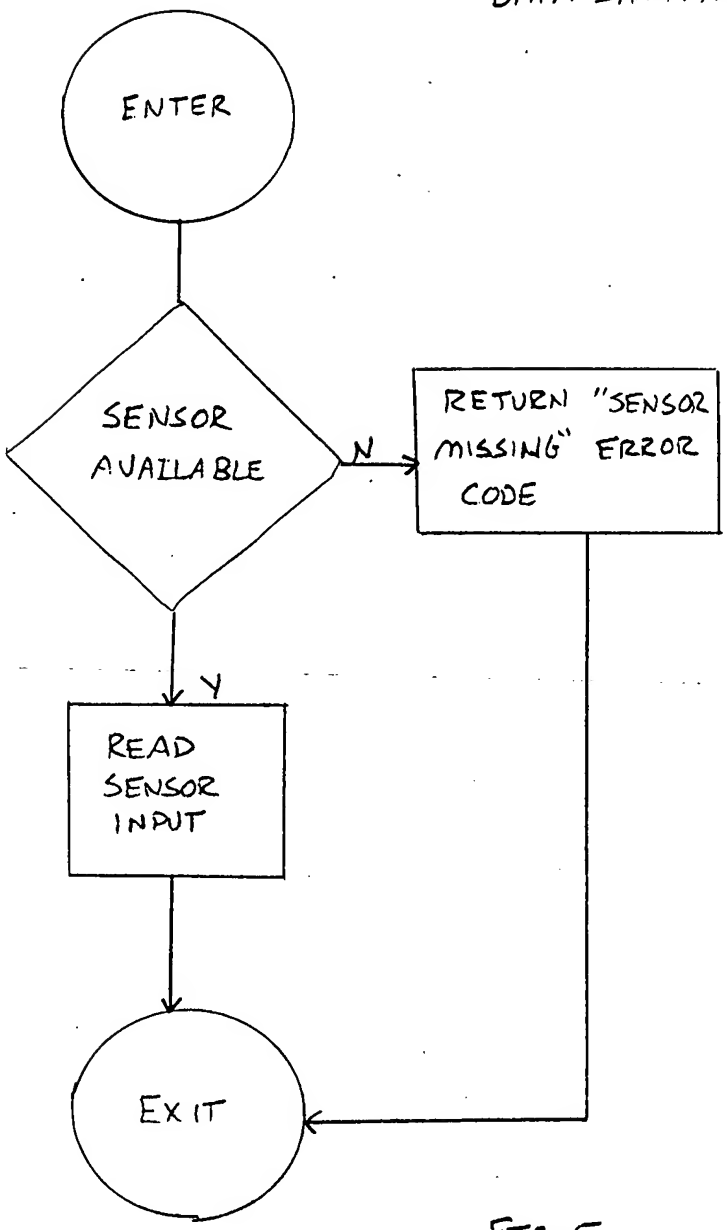


FIG. 5

SUBSTITUTE SHEET (RULE 26)

UPDATE SAMPLE DATA

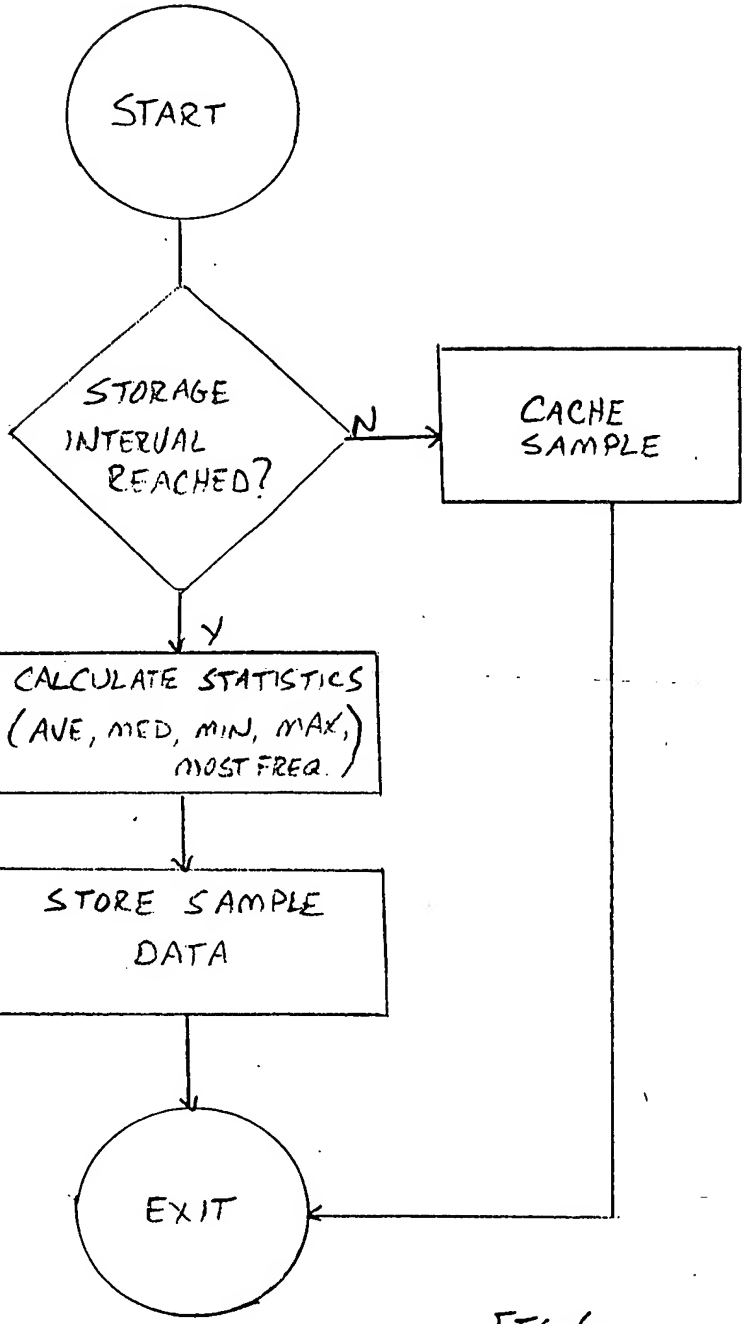


FIG. 6

SUBSTITUTE SHEET (RULE 26)

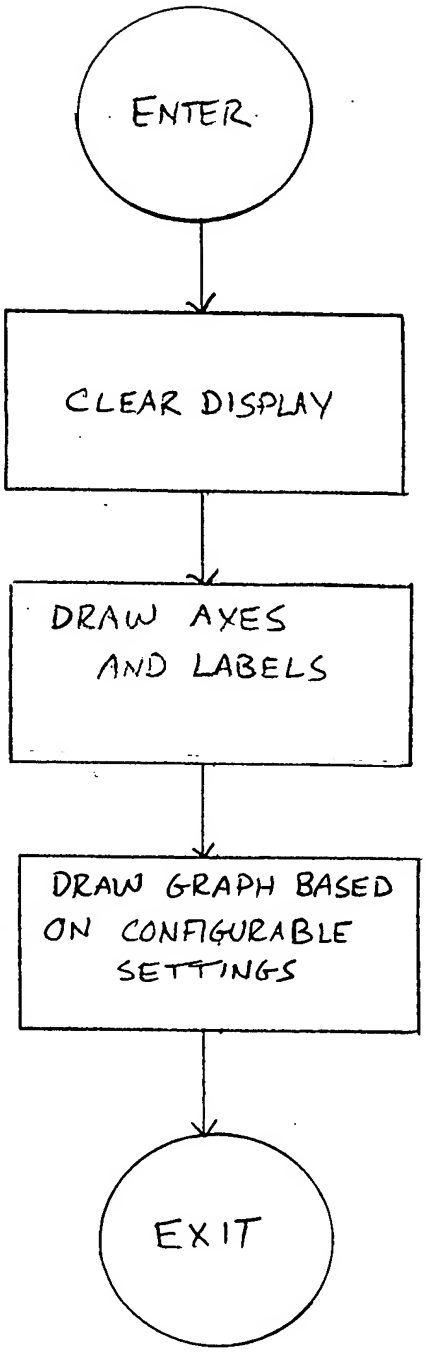
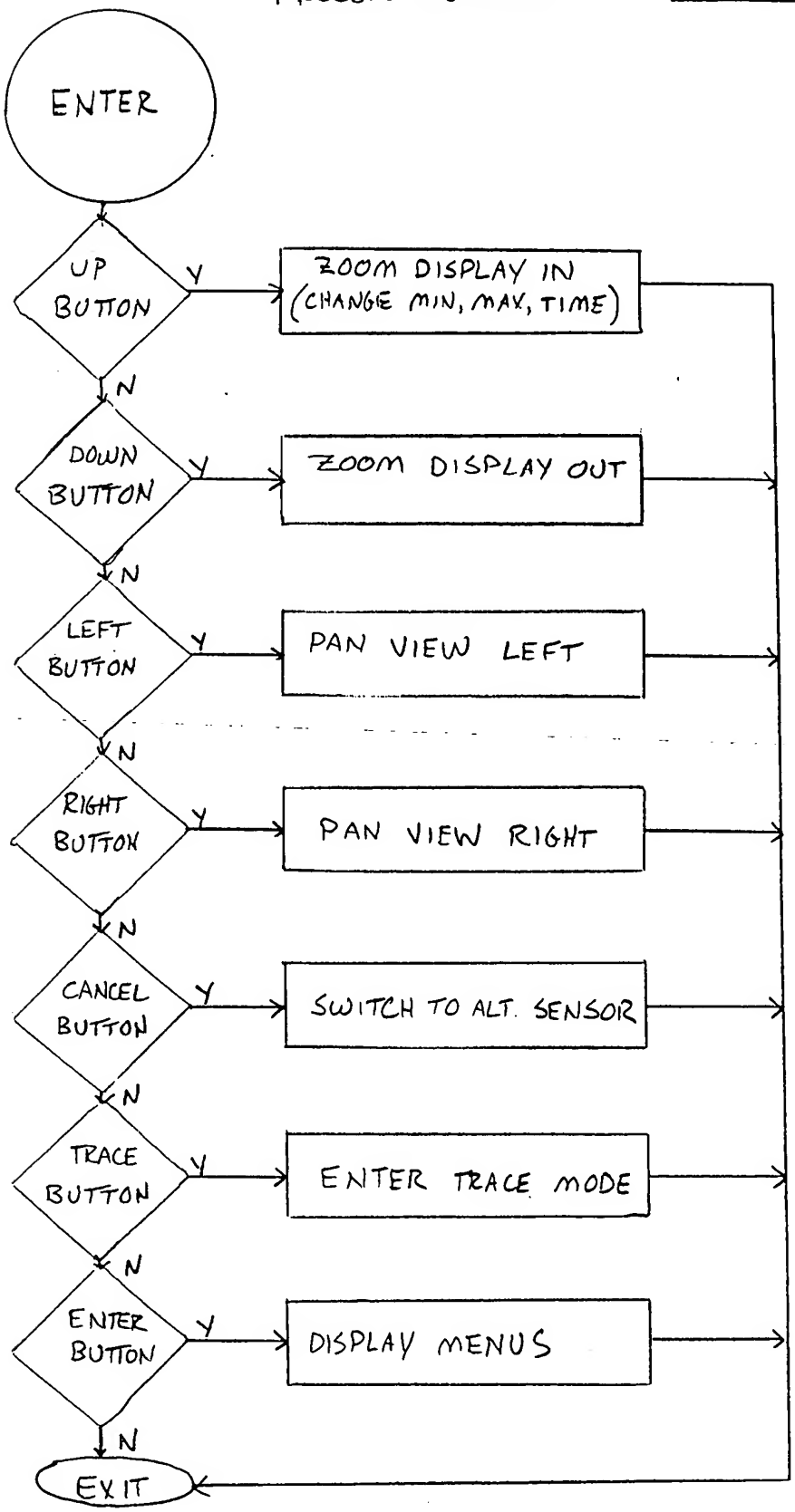


FIG. 7

PROCESS BUTTONS FIG. 8



Docket: 15125027

DOCKET ALARM

MENU FUNCTION

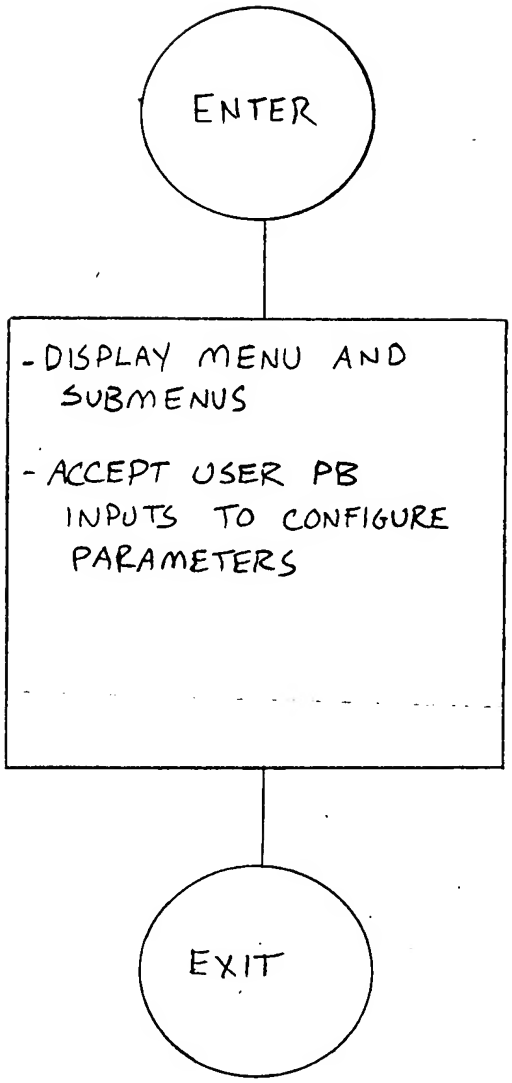


FIG. 9

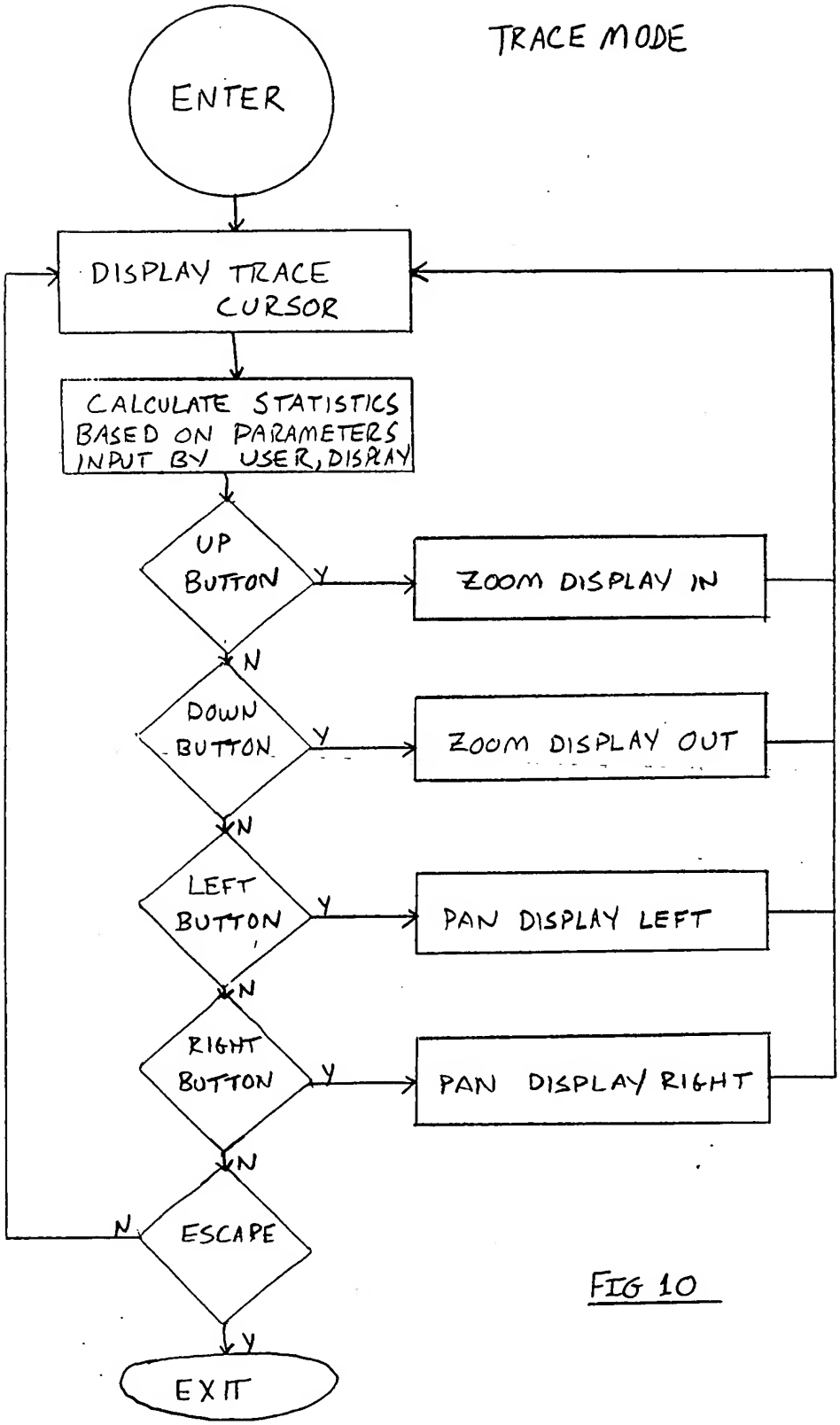

TRACE MODE
ENTER
DISPLAY TRACE CURSOR
CALCULATE STATISTICS BASED ON PARAMETERS INPUT BY USER, DISPLAY
UP BUTTON
Y
ZOOM DISPLAY IN
N
DOWN BUTTON
Y
ZOOM DISPLAY OUT
N
LEFT BUTTON
Y
PAN DISPLAY LEFT
N
RIGHT BUTTON
Y
PAN DISPLAY RIGHT
N
ESCAPE
N
Y
EXIT

FIG 10

Figure 11

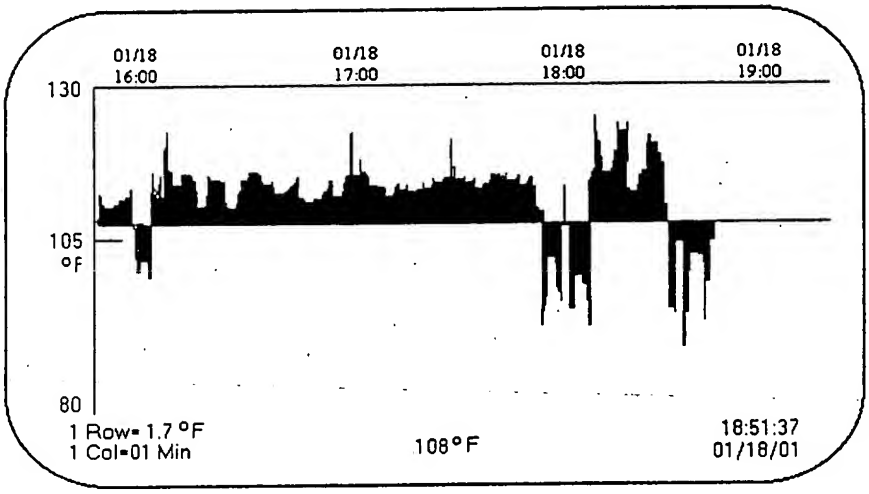
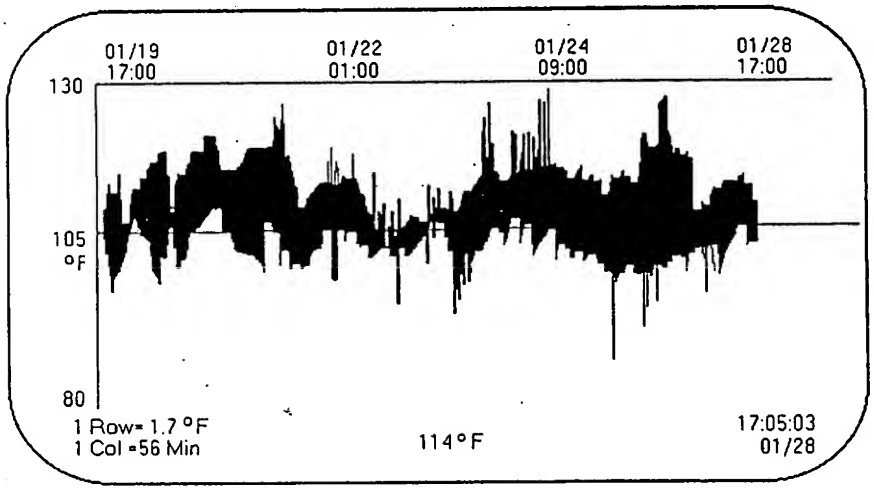



Figure 12